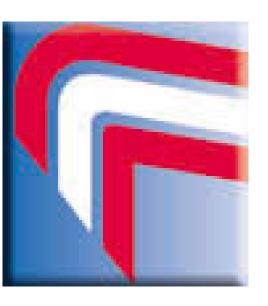


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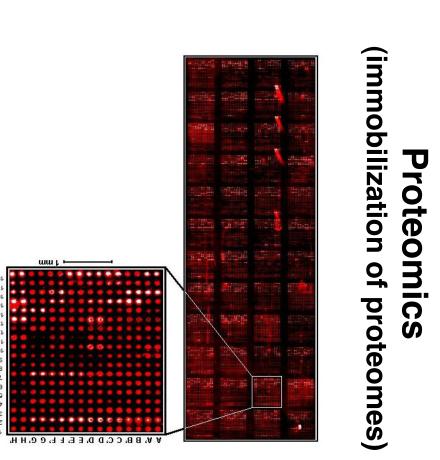
Rationale

ental

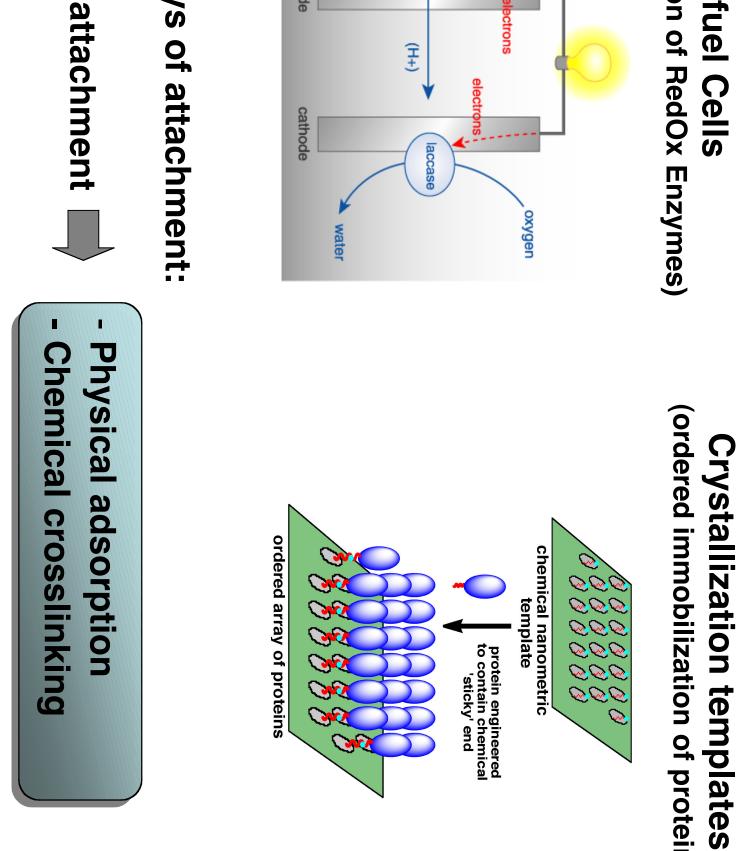


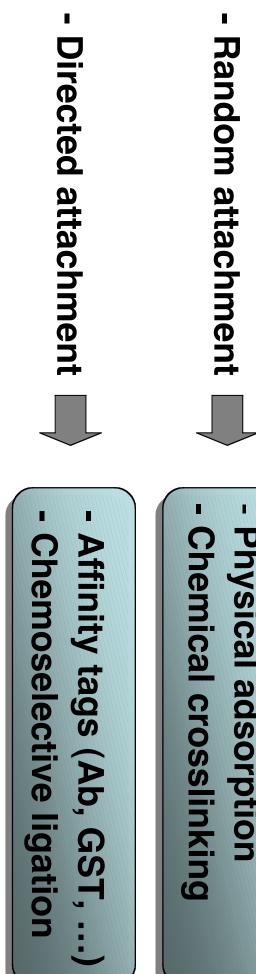
Biosensors
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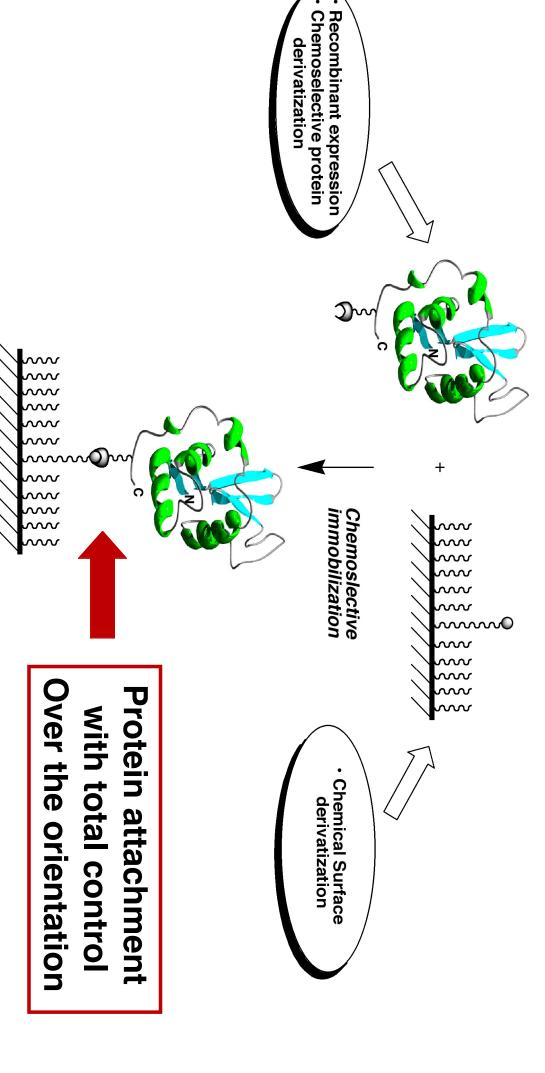


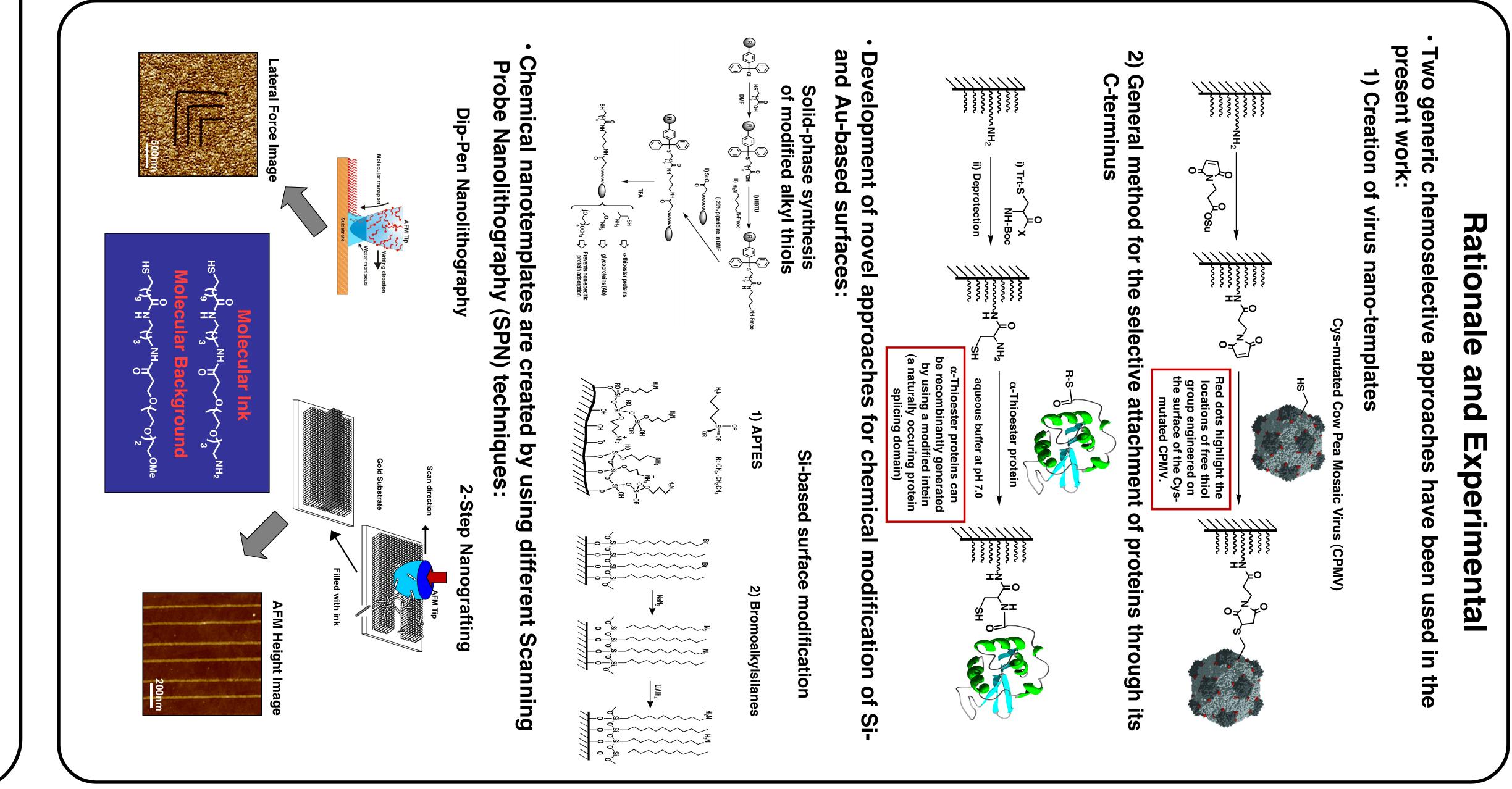
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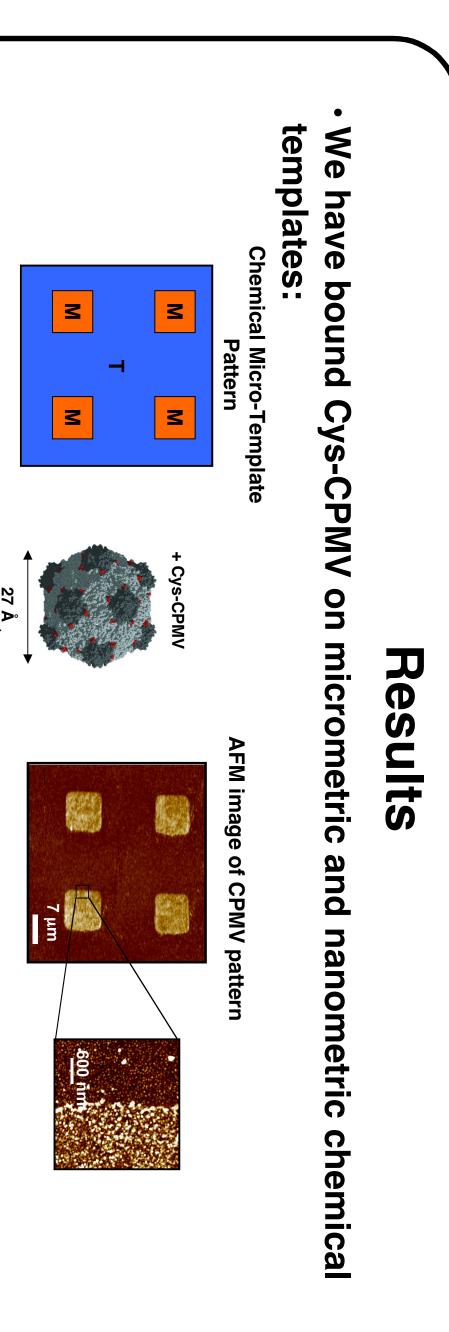


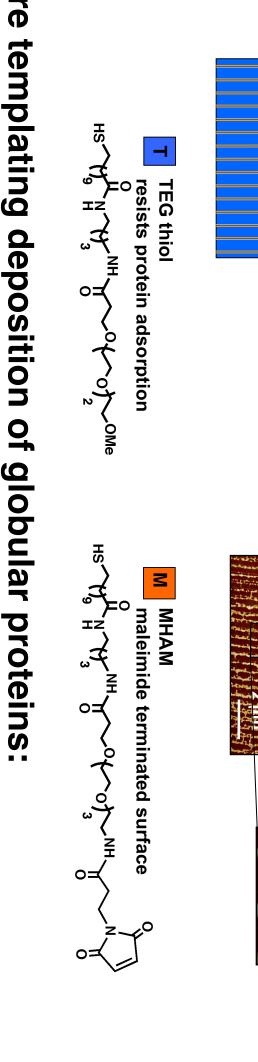


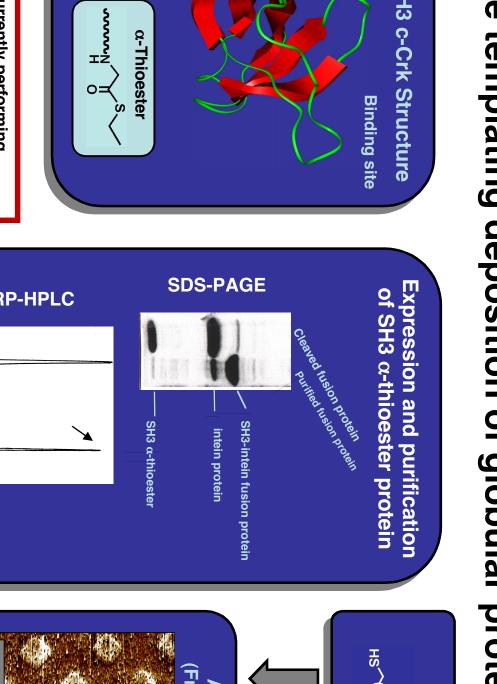
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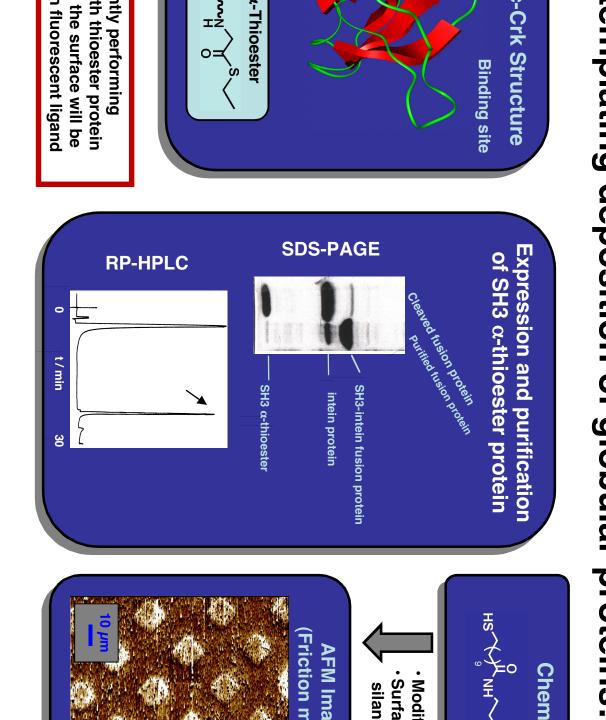


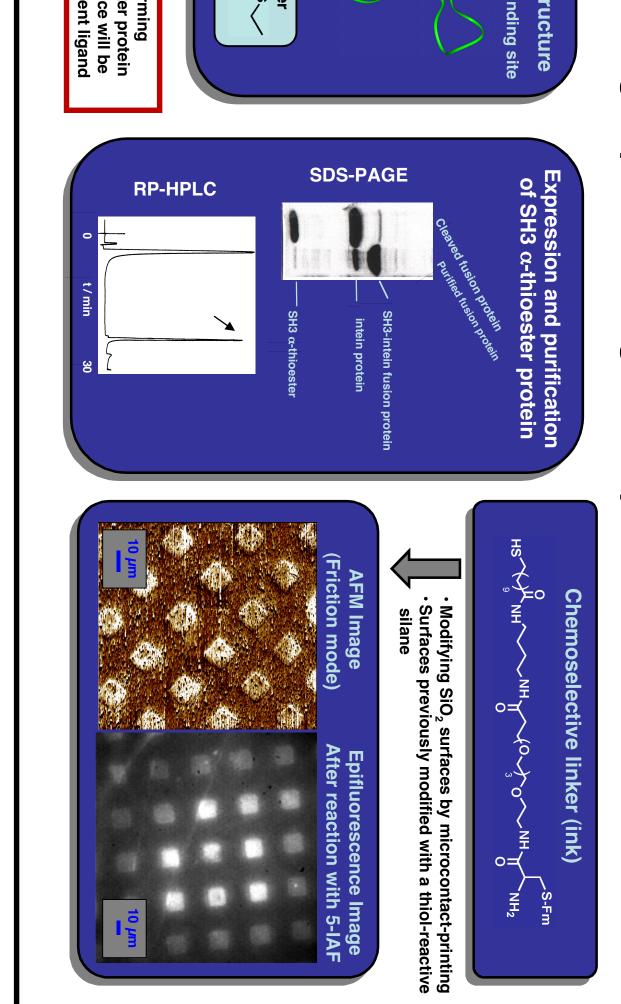






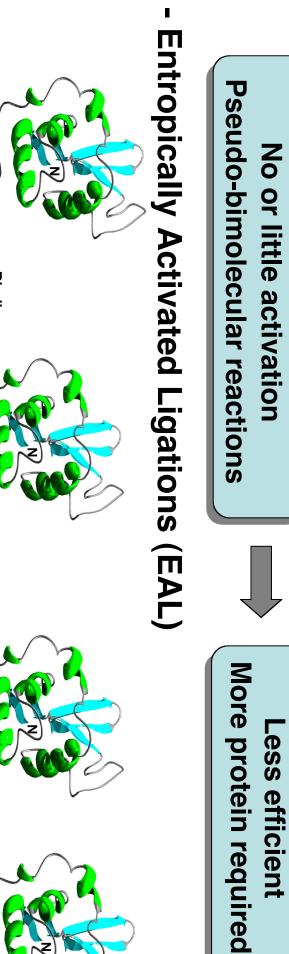


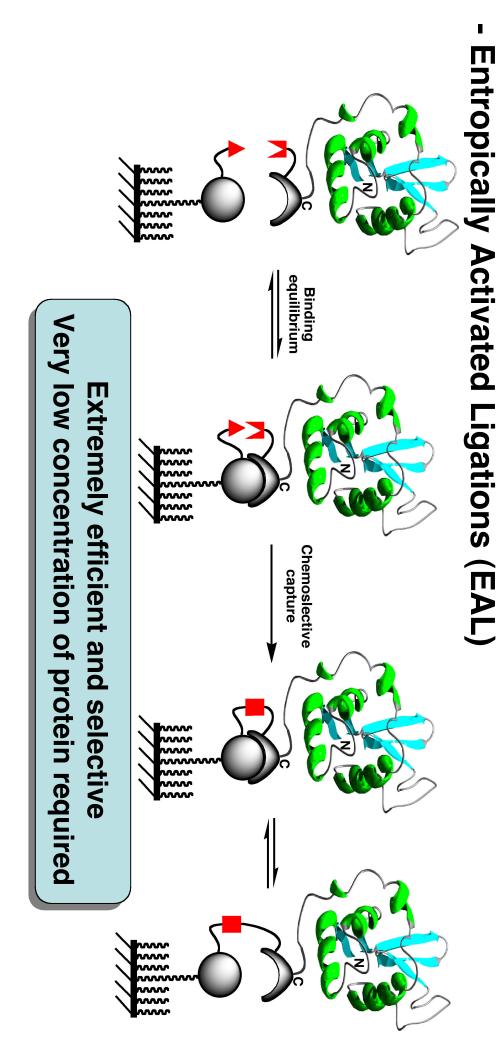


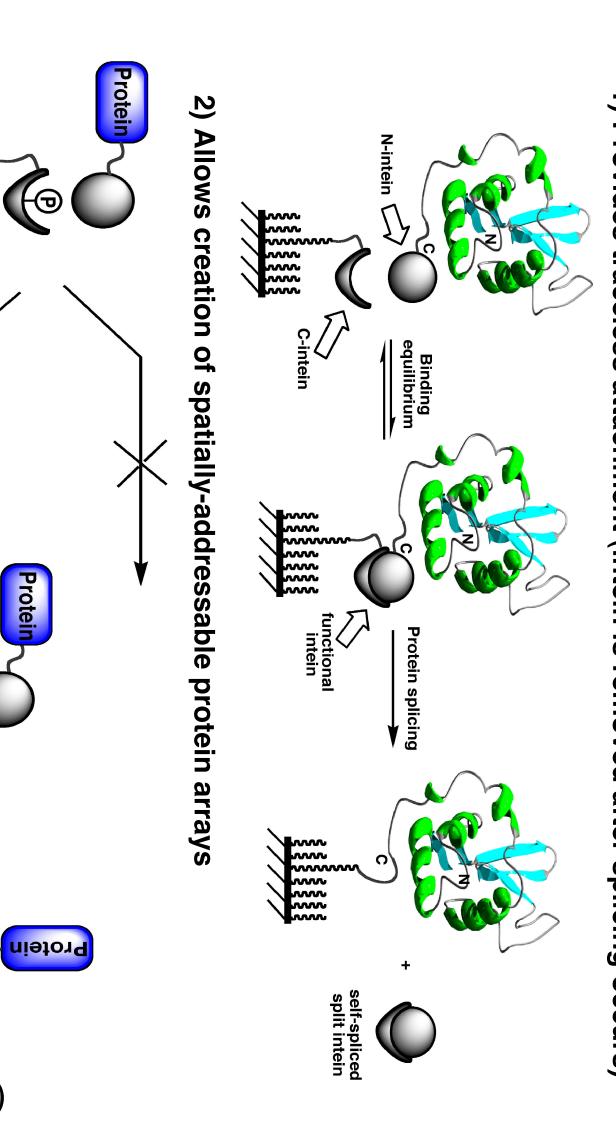


## **Future** Directions









## Summary

- We are pursuing a general approach whic fabricate chemical templates for creating
- We have d surfaces. developed chemical routes for Moreover, these molecules ynthesis oused for of modified alkane thiols which surface passivation and site-sp -specific binding o and
- This approach has been micron and nano-scale n successfully patterns. king
- dire will in the olving emely